

# Reference 70™

## Home Theater Preamp/Processor



## The Heart & Soul of your A/V System!

Introducing the Reference 70, B&K's new state-of-the-art Home Theater Preamp Processor. The Reference 70 is easy to use, great sounding and delivers crystal clear High Definition video to your home theater. Simple to set-up and easy to use, the Reference 70 provides a level of sophistication and ease of use that is unparalleled in the industry. Today's cutting edge technologies and performance, all at the touch of a button. Dolby Digital™, DTS™ and B & K's proprietary multi-channel stereo and surround modes deliver the best audio formats to you, with detail, clarity, tremendous bass and treble response. The Reference 70, state-of-the-art today and upgradable tomorrow. B & K's Reference 70 performance is based upon combining our in-house design expertise with the ingenuity of our partners at Freescale Semiconductor™ and Silicon Optix. Using the latest audio processor from Freescale Semiconductor™ and combining it with the Reon HQV™ high-performance video processor from Silicon Optix™, we give you true video scaling up to 1080p with a musical performance to match. Sit back, relax and let the Reference 70 transport you to the theater or concert.

- 14 discrete Audio & Video Inputs Including 6 HDMI™ Inputs
- High performance True Video Scaling up to 1080p
- B&K's New GUI On-Screen Overlay Interface, up to 1080p via HDMI™
- Built in FM/AM Tuner with up to 40 Simple Tuner Preset Stations
- 5.1/7.1 Analog Inputs for SACD™ / DVD Audio™ / Dolby TrueHD™ / DTS-HD Master Audio™
- 7.1 Balanced (XLR) Outputs for High Quality Amplifier Connections
- New *Smart Sync*™ Programmable Audio & Video Preferences by B & K

The all new Reference 70 combined an elegant European front panel design with the solid and sound American philosophy of engineering and manufacturing. The Reference 70 has a fully loaded rear panel to suit any connection needs with 14 discreet Audio & Video Inputs including 6 HDMI Inputs (version 1.3b). Combined with our state-of-the-art technology are 7.1 true balanced (XLR) connections for pristine sound unprecedented in the industry. Cutting edge technologies from our design partners combined with B & K's legendary design, engineering and manufacturing expertise make the Reference 70 "Simply Better".

### Great Video

The Reference 70 uses the Reon™ Video Processor by Silicon Optix™ to set a new standard for video excellence called HQV™ or Hollywood Quality Video. With vibrant colors, sharp images, and clear details, B & K's Reference 70 delivers brilliant High Definition video to your Home Theater!

### Great Sound

The Reference 70 sets new standards of audio performance using audio processors by Freescale Semiconductor™. Combine the Reference 70 with a matching B & K amplifier and the experience is simply awesome. B & K's power amps deliver a combination of detail, finesse and power that lets the true feeling of a live performance shine through!

### Easy to Use

B & K believes in the philosophy of Simply Better! Our exclusive Smart Sync™ Audio/Video preferences make technology and performance available to you at the touch of a button. Our new on-screen menu makes setup of your Reference 70 a snap! Sit back, relax, and enjoy your new B & K home theater.



# Reference 70 Home Theater Preamplifier Processor

## Back Panel



## Features

- 14 Discrete Audio & Video Inputs
- 6 HDMI Inputs and 1 HDMI Monitor Output. (version 1.3b)
- 8 Component Inputs and 2 Component Monitor Outputs
- Upconverting and Scaling of Component, S-Video and Composite to HDMI
- True Scaling up to 1080p
- CinemaScope Scaling for 2.35 Aspect Ratio Screen (Lens Needed)
- B&K's GUI On-Screen Interface with Overlays up to 1080p via HDMI
- 16 Digital Inputs (8 optical / 8 coaxial) Including Digital Audio on the 6 HDMI Inputs
- Ethernet port (RJ-45) for IP Command and Control
- Flash upgrade Capability
- Full 2-Way RS-232
- Built-In 14 Source Discrete IR Routing
- Built-In FM/AM Tuner with up to 40 Simple Tuner Preset Stations
- Rear IR Input Jack (1/8" Minijack)
- 5.1 / 7.1 Analog Inputs for SACD / DVD Audio / Dolby TrueHD / DTS-HD Master Audio
- New *Smart Sync* Programmable Audio & Video Preferences by B & K
- USB 2.0 for Computer Programming
- 1 Pair Balanced (XLR) Input / 1 Balanced Digital Input
- 8 Unbalanced (RCA) Outputs / 8 Balanced (XLR) Outputs
- Made in the U.S.A.
- 5 Year Parts & Labor Warranty

### 14 Discrete A/V Inputs

- 6 HDMI - Audio and Video
- 8 Optical Digital Audio
- 8 Coax Digital Audio
- 8 Analog Audio and Video
- 8 Component / S-Video / Composite

### 5.1 / 7.1 Analog Inputs

B & K's Multi-Channel 5.1 / 7.1 Analog Input allows you to pass through multi-channel analog audio from any source component. SACD / DVD Audio or newer formats like Dolby TrueHD and DTS-HD Master Audio can be passed to the B&K Multi-Channel Analog Input.

### Component-Centric

B & K's Component-Centric design allows for all 8 Component Video Inputs to also pass S-Video or Composite Video signals. S-Video and Composite Sources are transcoded to Component Video or then scaled to 1080p via HDMI.

B&K Home Theater Partners



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SIMPLY BETTER!